

Figure 1A

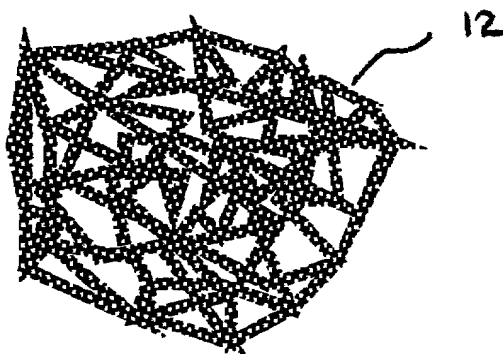


Figure 1B

PI-008

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Figure 2A

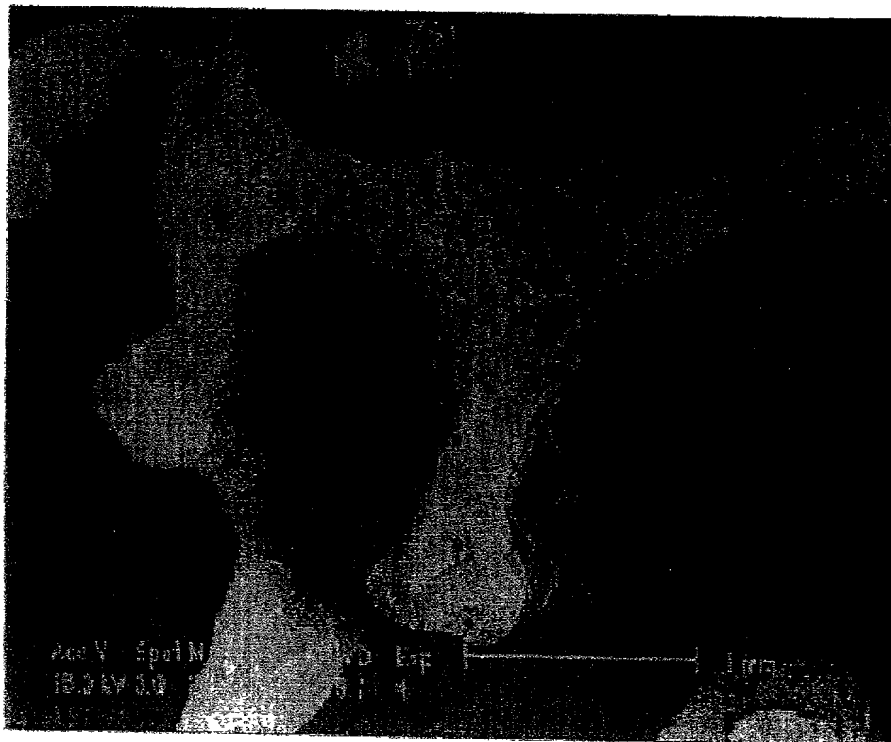


Figure 2B

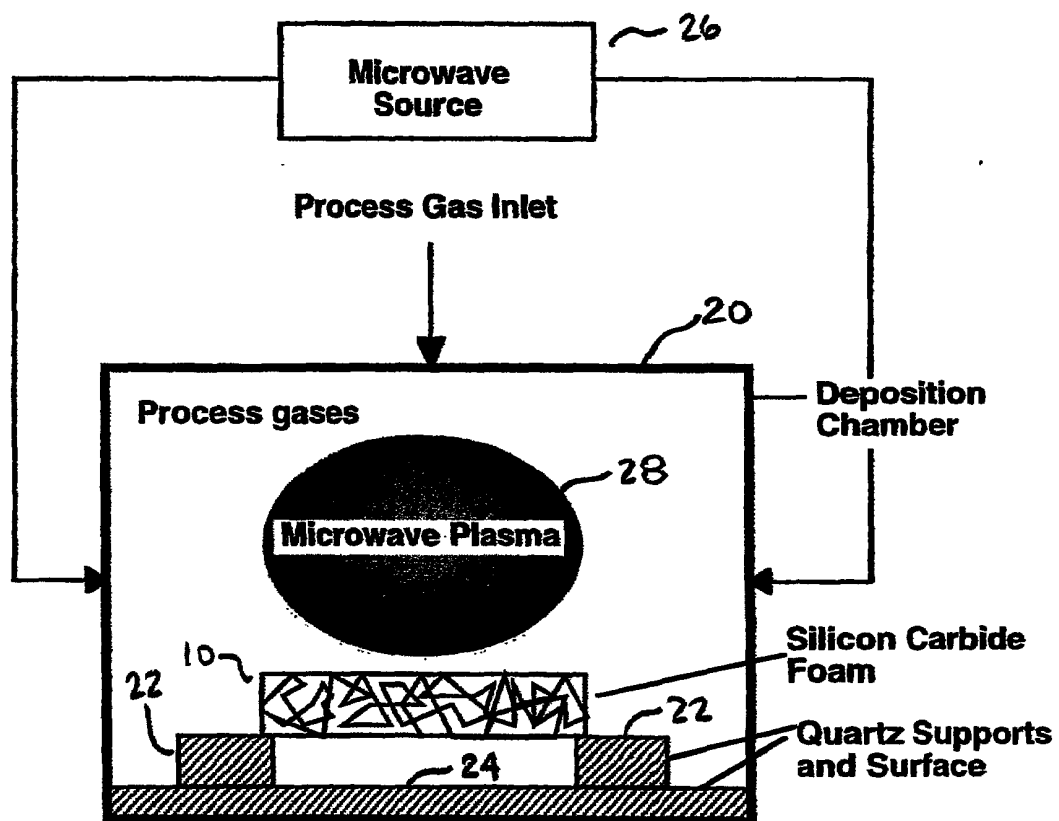


Figure 3

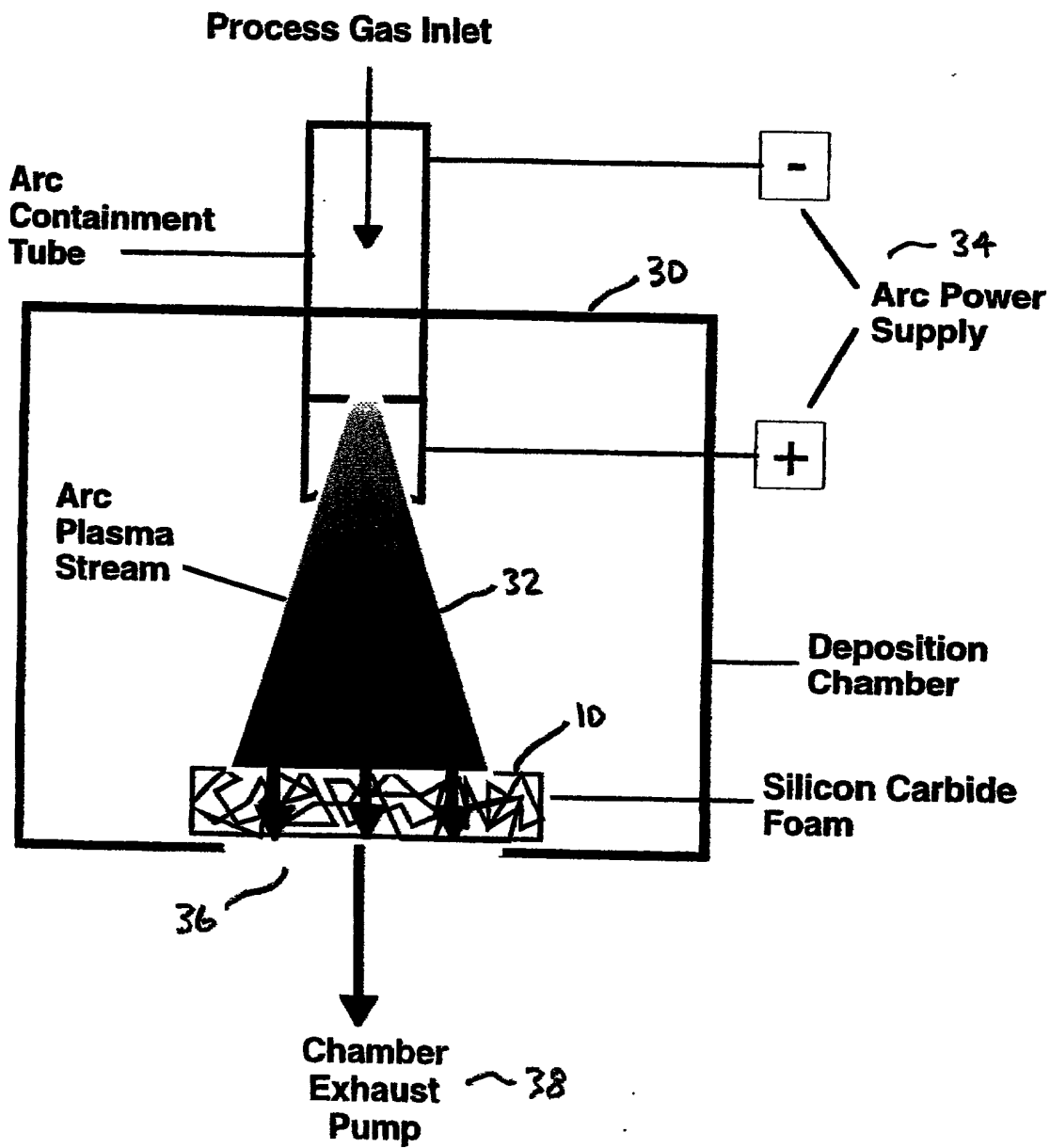


Figure 4

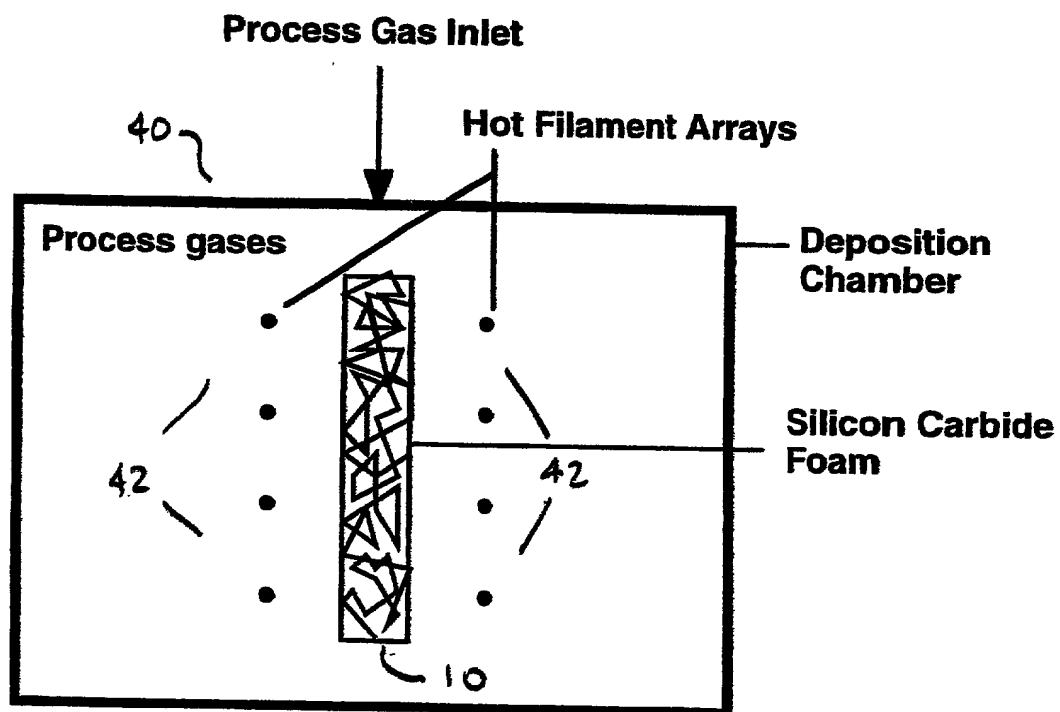


Figure 5

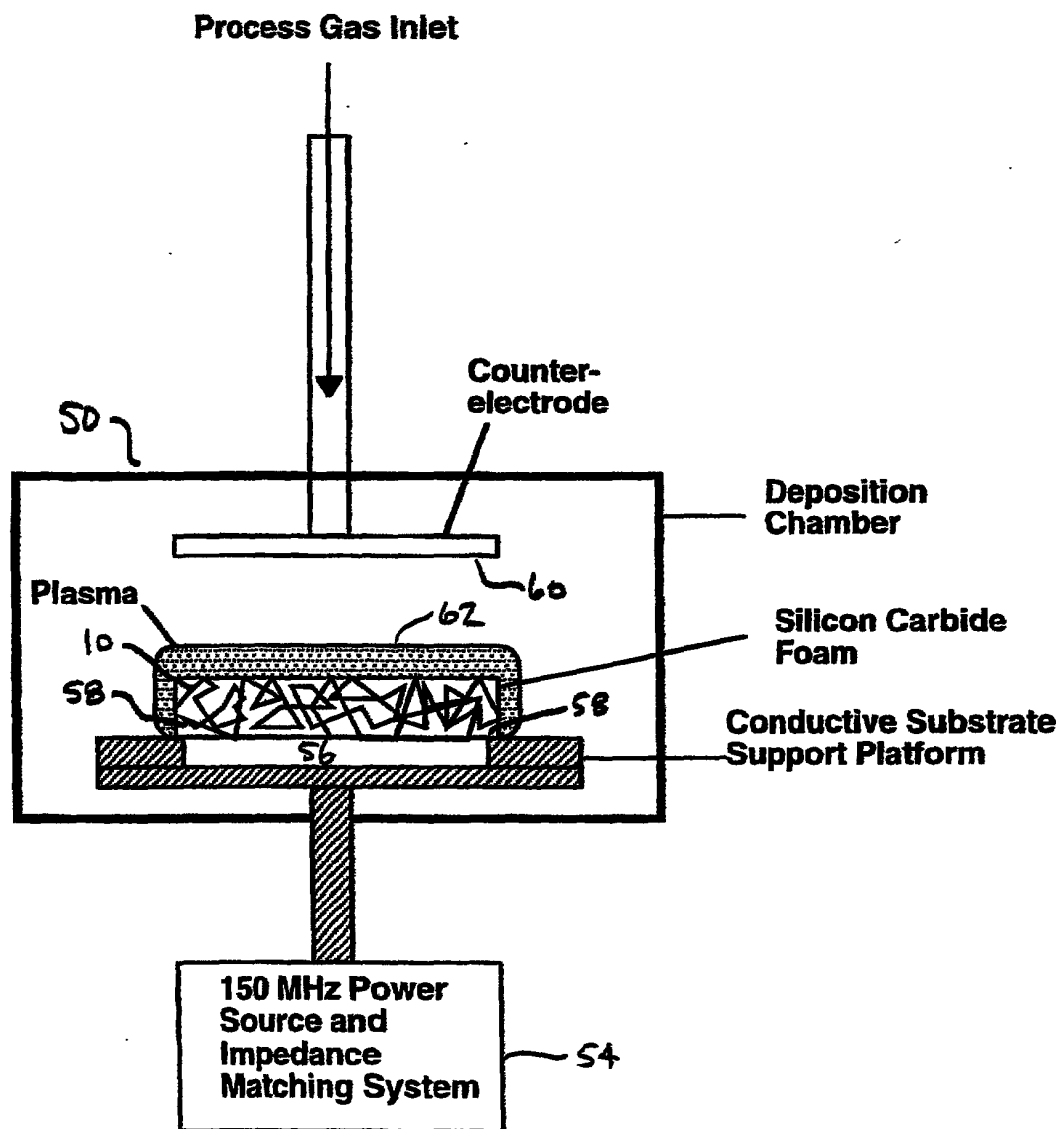
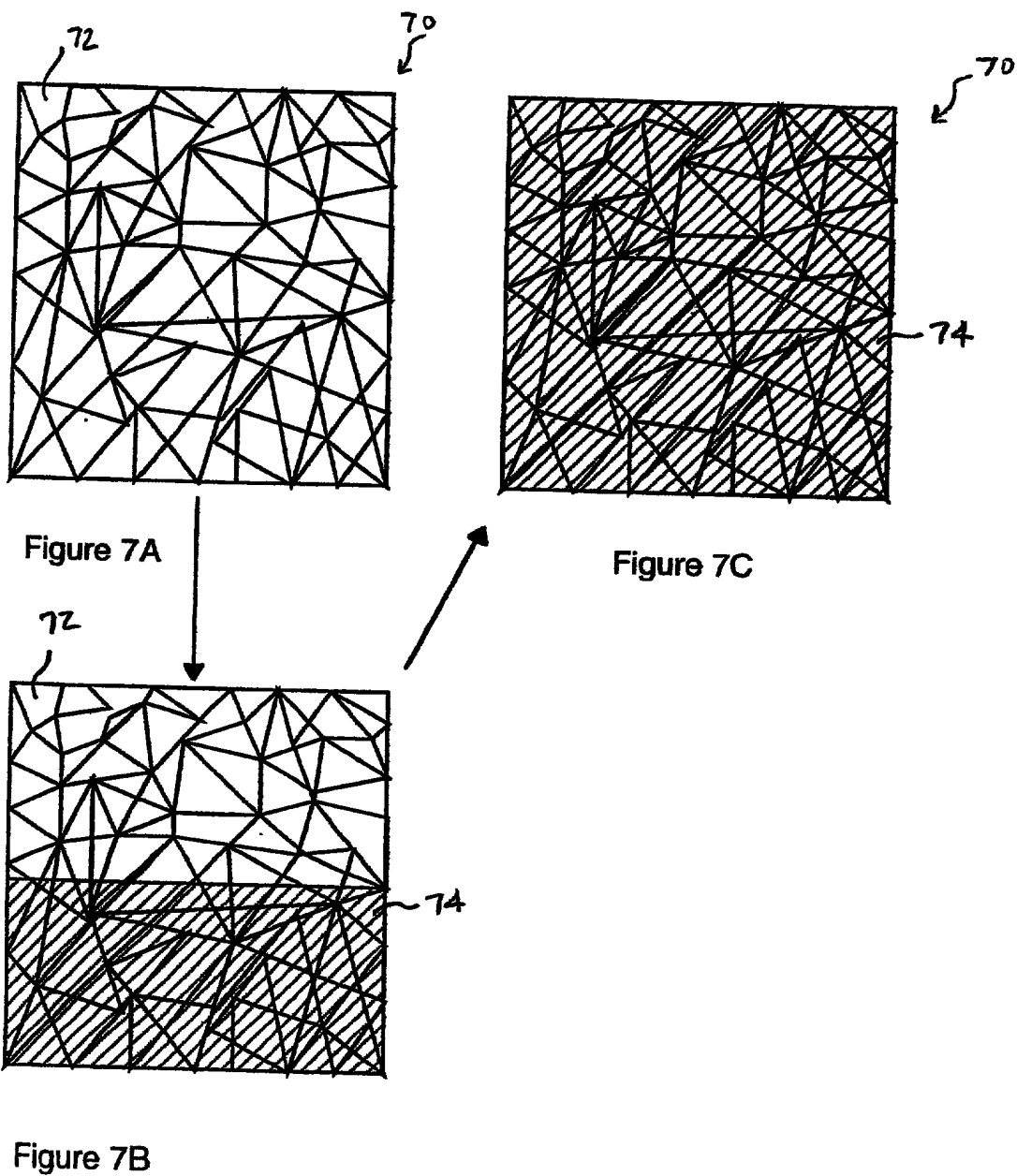
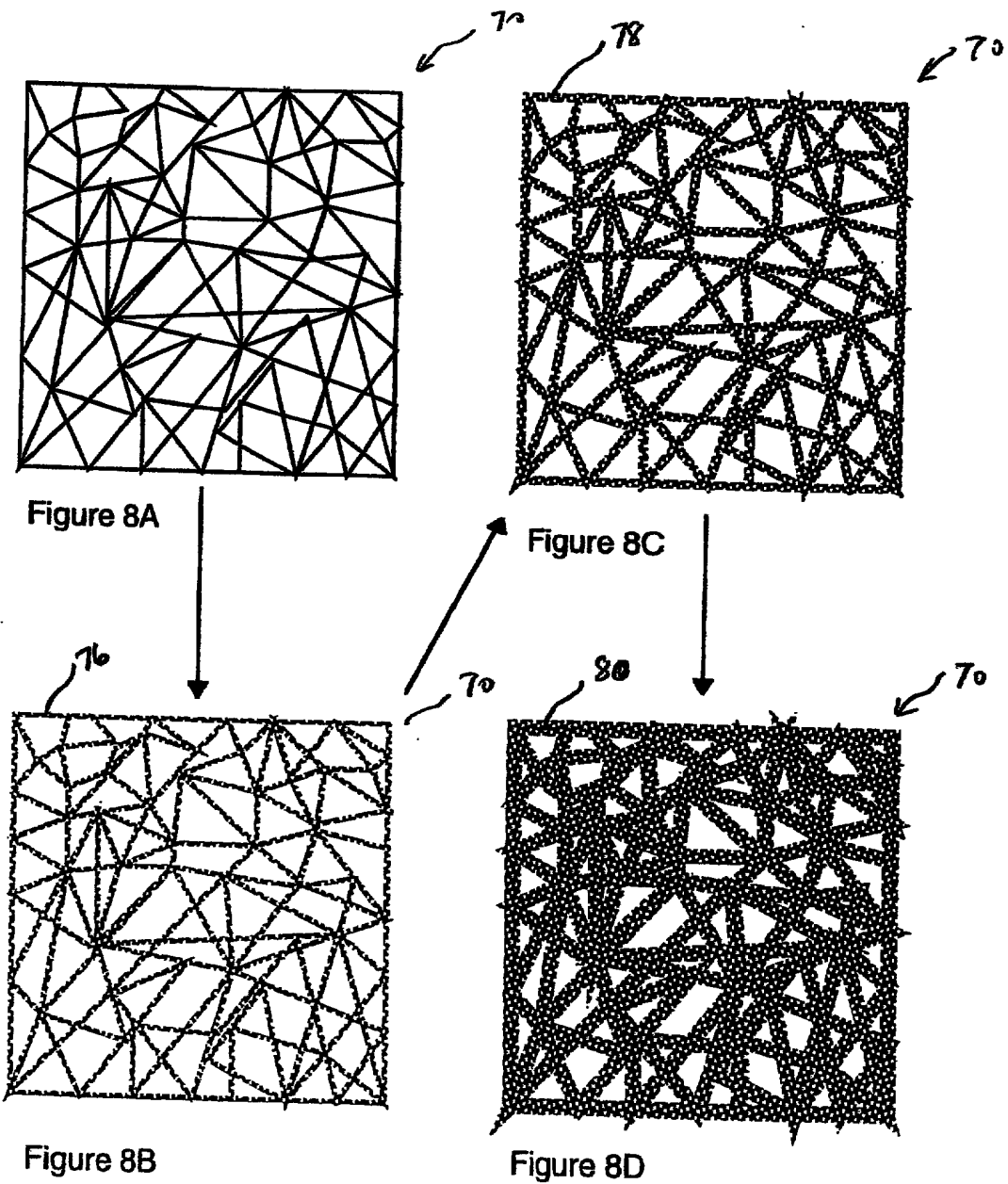


Figure 6



Partial and Complete Infiltration



Dip Coating

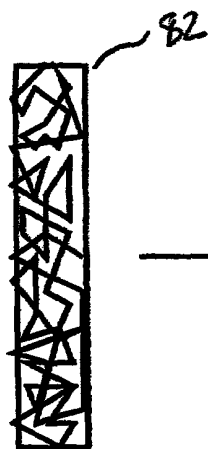


Figure 9A



Figure 9B

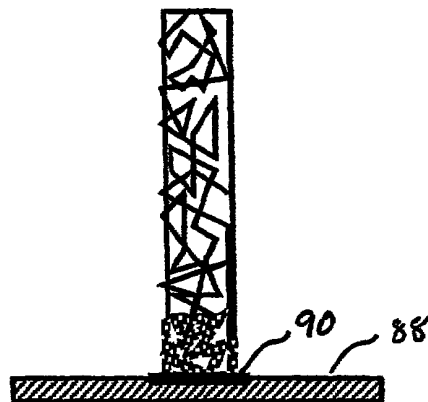


Figure 9C

Soldering Diamond Foam to Additional Materials

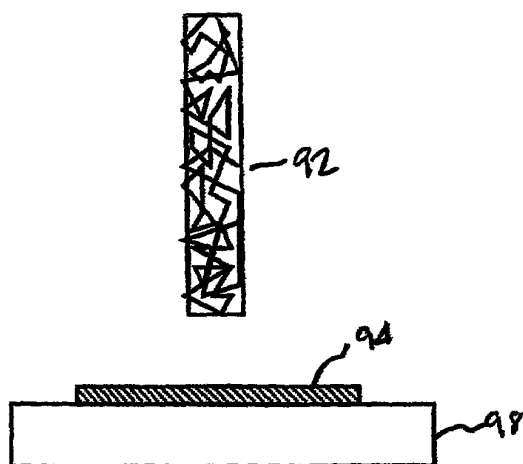


Figure 10A

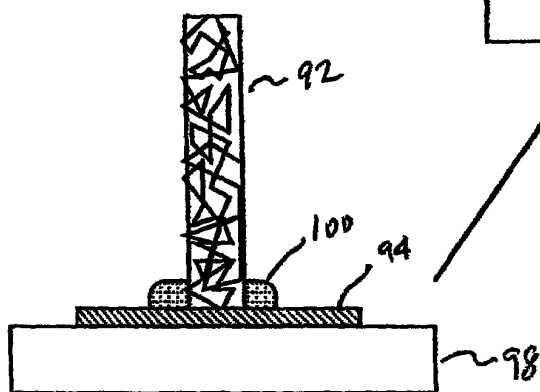


Figure 10B

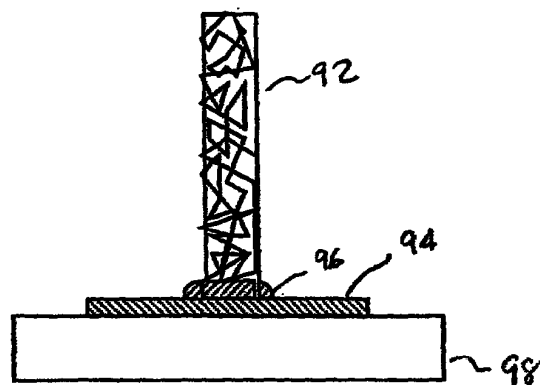


Figure 10C

Joining Diamond Foam to Diamond Film
by Diamond Deposition